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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 05-940-F; EX03-057C-US)

In the Application of:	)	
	)	
Helen Francis-Lang et al.	)	
	)	Examiner: SWOPE, Sheridan
U.S. Serial No.: 10/523,588	)	
	)	
Filing Date: February 4, 2005	)	Group Art Unit: 1652
	)	
For: CSNK1GS as Modifiers of the p21	)	Confirmation No. 4379
Pathway and Methods of Use	)	

TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In regard to the above identified application,

1. We are transmitting herewith the attached:
  - a) Information Disclosure Statement (3 Sheets);
  - b) PTO/SB/08b (3 Sheets);
  - c) Copies of Cited References; and
  - d) Return receipt postcard.
2. With respect to fees:
  - a) A check in the amount of \$180.00 is enclosed.
  - b) Please charge any underpayment or credit any overpayment our Deposit Account, No. 13-2490.

3. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1, are being deposited via First Class Mail with the United States Postal Service, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on Nov. 20 2006.

Respectfully submitted,

Date: Nov. 20 2006

Sherri L. Oslick

Sherri L. Oslick, Ph.D.

Reg. No. 52,087

## PATENT

## **Foreign Documents**

2. PCT Patent Publication No. WO 01/88191, published November 22, 2001.
3. PCT Patent Publication No. WO 01/66594, published September 9, 2001
4. PCT Patent Publication No. WO 02/46384, published June 13, 2002.
5. PCT Patent Publication No. WO 01/53493, published July 26, 2001.
6. PCT Patent Publication No. WO 97/42222, published November 13, 1997.

## **Other Documents**

7. KUSUDA J. et al.: "Cloning and Chromosome Mapping of the Human Casein Kinase I GAMMA3 Gene (CSNK1G3)," Cytogenetics and Cell Genetics, Basel, CH, Vol. 83m No. 1/2, 1998, pages 101-103, XP008052374.
8. KITABAYASHI A N et al.: "Cloning and Chromosomal Mapping of Human Casein Kinase I gamma 2 (CSNK1G2)," Genomics, Academic Press, San Diego, US, Vol. 46, No. 1, November 15, 1997, pages 133-137, XP004459098.
9. KUSUDA J. et al.: "Cloning, Expression analysis and chromosome mapping of human casein kinase 1 gamma 1 (CSNK1G1): Identification of two types of can encoding the kinase protein associated with heterogonous carboxy-terminal sequences" CYTOGENETICS and CELL GENETICS< BASEL, CH, Vol. 90, 2000, pages 298-302, XP002977055.
10. GROSS Stefan D. et al.: "A casein kinase I isoform is required for proper cell cycle progression in the fertilized mouse oocyte," JOURNAL of CELL SCIENCE, Vol. 110, NO. 24, December 1997, pages 3083-3090, XP002392918.
11. WANG Xiangmin et al.: "Prenylated isoforms of yeast casein kinase I, including the novel Yck3p, suppress the gcs1 blockage of cell proliferation from stationary phase," MOLECULAR AND CELLULAR BIOLOGY, Vol. 16. No. 10, 1996, pages 5375-5385, XP002392919.
12. GROSS S D et al.: " Casein kinase I: spatial organization and positioning of a multifunctional protein kinase family," CELLULAR SIGNALING, ELSEVIER SCIENCE LTD, GB, Vol. 10, No. 10, November 1998, pages 699-711, XP002331674.
13. MCKAY Renee M. et al.: "The casein kinase I family in Wnt signaling," DEVELOPMENTAL BIOLOGY, Vol. 235, No. 2, July 15, 2001, pages 388-396, XP002392920.

In accordance with MPEP Sections 609 and 707.05(b), it is requested the documents cited (including any cited in applicant's specification which is not repeated on the attached Form PTO-SB/08b) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing on Form PTO/SB/08b. Such initialing is requested even if the Examiner does not consider a cited document to be sufficiently pertinent to use in a rejection, or

otherwise does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application.

Respectfully submitted,

Date: Nov. 30, 2006

By: Sherri L. Oslick

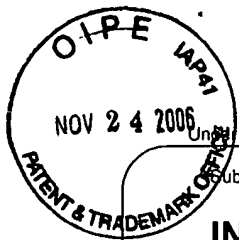
Sherri L. Oslick, Ph.D.

Reg. No. 52,087

**McDonnell, Boehnen Hulbert & Berghoff**

300 South Wacker Drive

Chicago, IL 60606



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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

3

**Complete if Known**

Application Number	0/523,558
Filing Date	February 4, 2005
First Named Inventor	Helen Francis-Lang
Art Unit	1652
Examiner Name	SWOPE, Sheridan
Attorney Docket Number	05-940-F

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1	US- 6,180,362	01/30/2001	Marc Duchesne et al.	
		US-			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> "Number" <sup>4</sup> "Kind Code" <sup>5</sup> (if known)				
	A2	WO 01/88191	11/22/2001	The U.S.A. as Represented by the Department of Veter		
	A3	WO 01/66594	09/13/2001	Sugen, Inc., Plowman et al.		
	A4	WO 02/46384	06/13/2002	Incyte Genomics, Inc.		
	A5	WO 01/53493	07/26/2001	Lexicon Genetics Inc.		
	A6	WO 97/42222	11/13/1997	Cyclacel Limited Ball et al.		

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

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Application Number	10/523,588
Filing Date	February 4, 2005
First Named Inventor	Helen Francis-Lang
Art Unit	1652
Examiner Name	SWOPE, Sheridan
Attorney Docket Number	05-940-F

Sheet 2

of

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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	A7	KUSUDA J. et al.: "Cloning and Chromosome Mapping of the Human Casein Kinase I GAMMA3 Gene (CSNK1G3)," Cytogenetics and Cell Genetics, Basel, CH, Vol. 83m No. 1/2, 1998, pages 101-103, XP008052374.	
	A8	KITABAYASHI A N et al.: "Cloning and Chromosomal Mapping of Human Casein Kinase I gamma 2 (CSNK1G2)," Genomics, Academic Press, San Diego, US, Vol. 46, No. 1, November 15, 1997, pages 133-137, XP004459098.	
	A9	KUSUDA J. et al.: "Cloning, Expression analysis and chromosome mapping of human casein kinase 1 gamma 1 (CSNK1G1): Identification of two types of can encoding the kinase protein associated with heterogonous carboxy-terminal sequences" CYTOGENETICS and CELL GENETICS< BASEL, CH, Vol. 90, 2000, pages 298-302, XP002977055.	
	A10	GROSS Stefan D. et al.: "A casein kinase I isoform is required for proper cell cycle progression in the fertilized mouse oocyte," JOURNAL OF CELL SCIENCE, Vol. 110, NO. 24, December 1997, pages 3083-3090, XP002392918.	
	A11	WANG Xiangmin et al.: "Prenylated isoforms of yeast casein kinase I, including the novel Yck3p, suppress the gcs1 blockage of cell proliferation from stationary phase," MOLECULAR AND CELLULAR BIOLOGY, Vol. 16, No. 10, 1996, pages 5375-5385, XP002392919.	
	A12	GROSS S D et al.: " Casein kinase I: spatial organization and positioning of a multifunctional protein kinase family," CELLULAR SIGNALING, ELSEVIER SCIENCE LTD, GB, Vol. 10, No. 10, November 1998, pages 699-711, XP002331674.	
	A13	MCKAY Renee M. et al.: "The casein kinase I family in Wnt signaling," DEVELOPMENTAL BIOLOGY, Vol. 235, No. 2, July 15, 2001, pages 388-396, XP002392920.	

Examiner Signature		Date Considered	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.